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STRUCTURE FILE UPDATES: 30 AUG 2009 HIGHEST RN 1178163-40-0 DICTIONARY FILE UPDATES: 30 AUG 2009 HIGHEST RN 1178163-40-0

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=> activate ele983319/A L1 STR

848 SEA FILE=REGISTRY SSS FUL L1 L2

=> s 12 and caplus/lc 68359697 CAPLUS/LC

759 L2 AND CAPLUS/LC

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=> s 12 not 13
L4
           89 L2 NOT L3
=> s 14 and ED<20041118
      75950997 ED<20041118
                 (ED<20041118)
            29 L4 AND ED<20041118
L5
=> d 1-29
T.5
     ANSWER 1 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
RN
     781590-26-9 REGISTRY
ED
     Entered STN: 16 Nov 2004
CM
     2(1H)-Quinolinone, 6-[[4-[methyl(2-phenylethyl)amino]-1-
     piperidinyl]carbonyl]-8-nitro- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN
    4-Piperidinamine, 1-[(1,2-dihydro-8-nitro-2-oxo-6-quinoliny1)carbony1]-N-
     methvl-N-(2-phenvlethvl)- (9CI)
MF
     C24 H26 N4 O4
     COM
CI
SR
    CA
```

ANSWER 2 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN

```
RN
    779300-92-4 REGISTRY
ED
     Entered STN: 12 Nov 2004
CN
     2(1H)-Quinolinone, 4-methyl-6-[[4-[methyl(2-phenylethyl)amino]-1-
     piperidinvl]carbonvl]- (CA INDEX NAME)
OTHER CA INDEX NAMES:
    4-Piperidinamine, 1-[(1,2-dihydro-4-methyl-2-oxo-6-quinolinyl)carbonyl]-N-
CN
     methyl-N-(2-phenylethyl)- (9CI)
MF
     C25 H29 N3 O2
CI
     COM
SR
    CA
```

L5

- L5 ANSWER 3 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 779280-94-3 REGISTRY
- ED Entered STN: 11 Nov 2004
- CN 2(1H)-Quinolinone, 6-[[4-(3-methylbutyl)-1-piperazinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

- CN Piperazine, 1-[(1,2-dihydro-2-oxo-6-quinoliny1)carbony1]-4-(3-methy1buty1)-(9CI)
- MF C19 H25 N3 O2
- CI COM
- SR CA

Me2CH-CH2-CH2

- L5 ANSWER 4 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 777042-53-2 REGISTRY
- ED Entered STN: 09 Nov 2004
- CN 2(1H)-Quinolinone, 6-hydroxy-5-(1-pyrrolidinylmethyl)- (CA INDEX NAME)
- MF C14 H16 N2 O2
- CI COM
- SR CA

```
L5 ANSWER 5 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
```

RN 776270-46-3 REGISTRY

ED Entered STN: 08 Nov 2004

CN 2(1H)-Quinolinone, 5-[[4-[methyl(2-phenylethyl)amino]-1piperidinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 4-Piperidinamine, 1-[(1,2-dihydro-2-oxo-5-quinolinyl)carbonyl]-N-methyl-N-(2-phenylethyl)- (9CI)

MF C24 H27 N3 O2

CI COM

SR CA

- L5 ANSWER 6 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 772293-29-5 REGISTRY
- ED Entered STN: 29 Oct 2004
- CN 2(1H)-Quinolinone, 6-[[4-[(4-methylphenyl)methyl]-1-piperazinyl]carbonyl]-

10/596083

(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Piperazine, 1-[(1,2-dihydro-2-oxo-6-quinoliny1)carbony1]-4-[(4-methylpheny1)methyl]- (9CI)

MF C22 H23 N3 O2

CI COM

SR CA

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 7 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN

RN 767616-94-4 REGISTRY

ED Entered STN: 24 Oct 2004

CN 2(1H)-Quinolinone, 4-(3-chlorophenyl)-6-[(4-chlorophenyl)(1-methyl-1H-imidazol-5-yl)(4-methyl-1-piperazinyl)methyl]-1-(cyclopropylmethyl)- (CA INDEX NAME)

MF C35 H35 C12 N5 O

CI COM

SR CA

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 8 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN

RN 765896-95-5 REGISTRY

ED Entered STN: 20 Oct 2004

CN 2(1H)-Quinolinone, 6-[[4-[methyl(2-phenylethyl)amino]-1piperidinyl]carbonyl]-8-propyl- (CA INDEX NAME) OTHER CA INDEX NAMES:

4-Piperidinamine, 1-[(1,2-dihydro-2-oxo-8-propyl-6-quinolinyl)carbonyl]-Nmethyl-N-(2-phenylethyl)- (9CI)

MF C27 H33 N3 O2

COM

SR CA

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- ANSWER 9 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 765853-83-6 REGISTRY
- ED Entered STN: 19 Oct 2004
- CN 2(1H)-Quinolinone, 6-(1-piperazinylcarbonyl)- (CA INDEX NAME) OTHER CA INDEX NAMES:
- Piperazine, 1-[(1,2-dihydro-2-oxo-6-quinolinyl)carbonyl]- (9CI) CN
- MF C14 H15 N3 O2
- COM
- SR CA

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- L5 ANSWER 10 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 764603-80-7 REGISTRY
- ED Entered STN: 17 Oct 2004
- CN 2(1H)-Quinolinone, 6-[[4-(4-chlorobenzoyl)-1-piperazinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

- Piperazine, 1-(4-chlorobenzoyl)-4-[(1,2-dihydro-2-oxo-6-CN quinolinyl)carbonyl]- (9CI)
- MF C21 H18 C1 N3 O3
- COM
- CA

- L5 ANSWER 11 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN RN 757917-87-6 REGISTRY
- ED Entered STN: 06 Oct 2004
- CN 2(1H)-Quinolinone, 8-(1-methylethyl)-6-[[4-[methyl(2-phenylethyl)amino]-1-piperidinvl]carbonyl)- (CA INDEX NAME)
- OTHER CA INDEX NAMES:
 CN 4-Piperidinamine, 1-[[1,2-dihydro-8-(1-methylethyl)-2-oxo-6-
- CI COM
- SR CA

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- L5 ANSWER 12 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 751434-93-2 REGISTRY
- ED Entered STN: 24 Sep 2004
- CN 2(1H)-Quinolinone, 8-[[4-(phenylmethyl)-1-piperazinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

- CN Piperazine, 1-[(1,2-dihydro-2-oxo-8-quinolinyl)carbonyl]-4-(phenylmethyl)-
- MF C21 H21 N3 O2
- CI COM
- SR CA

10/596083

- L5 ANSWER 13 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 749833-97-4 REGISTRY
- ED Entered STN: 23 Sep 2004
- CN 2-Quinoxalinecarboxylic acid, 3,4-dihydro-7-(4-morpholinylmethyl)-6-nitro-
- 3-0x0- (CA INDEX NAME) MF C14 H14 N4 O6
- CI COM
- SR CA

- **PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**
- L5 ANSWER 14 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 749162-32-1 REGISTRY
- ED Entered STN: 21 Sep 2004
- CN 2(1H)-Quinolinone, 6-[[4-(3-phenylpropyl)-1-piperazinyl]carbonyl]- (CA INDEX NAME)
- OTHER CA INDEX NAMES:
- CN Piperazine, 1-[(1,2-dihydro-2-oxo-6-quinoliny1)carbony1]-4-(3-
- phenylpropyl) (9CI)
- MF C23 H25 N3 O2
- CI COM
- SR CA

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L5 ANSWER 15 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
```

RN 748086-64-8 REGISTRY

ED Entered STN: 19 Sep 2004

CN 2(1H)-Quinolinone, 8-[[4-(2-methylpropyl)-1-piperazinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Piperazine, 1-[(1,2-dihydro-2-oxo-8-quinoliny1)carbony1]-4-(2-methylpropy1)- (9CI)

MF C18 H23 N3 O2

CI COM

SR CA

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

```
L5 ANSWER 16 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
```

RN 746581-26-0 REGISTRY

ED Entered STN: 17 Sep 2004

2 (1H) -Quinolinone, 1-methyl-6-[[4-[methyl(2-phenylethyl)amino]-1piperidinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 4-Piperidinamine, 1-[(1,2-dihydro-1-methyl-2-oxo-6-quinolinyl)carbonyl]-N-methyl-N-(2-phenylethyl)- (9CI)

MF C25 H29 N3 O2

CI COM

SR CA

```
L5 ANSWER 17 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
```

RN 742652-78-4 REGISTRY

ED Entered STN: 10 Sep 2004

CN 2(1H)-Quinolinone, 5-[[4-(3-phenylpropyl)-1-piperazinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Piperazine, 1-[(1,2-dihydro-2-oxo-5-quinoliny1)carbony1]-4-(3-

phenylpropy1) - (9CI) MF C23 H25 N3 O2

MF C23 H25 CI COM

SR CA

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 18 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN

RN 742646-84-0 REGISTRY

ED Entered STN: 10 Sep 2004

CN 2(1H)-Quinolinone, 8-hydroxy-5-(hydroxy-2-piperidinylmethyl)- (CA INDEX NAME)

MF C15 H18 N2 O3

CI COM SR CA

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- L5 ANSWER 19 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 740040-66-8 REGISTRY
- ED Entered STN: 05 Sep 2004
 - N 2(1H)-Quinolinone, 5-[[4-(1,3-benzodioxol-5-ylmethyl)-1-piperazinyl]carbonyl]- (CA INDEX NAME)
- OTHER CA INDEX NAMES:
- CN Piperazine, 1-(1,3-benzodioxol-5-ylmethyl)-4-[(1,2-dihydro-2-oxo-5-quinolinyl)carbonyl]- (9CI)
- MF C22 H21 N3 O4
- CI COM
- SR CA

- L5 ANSWER 20 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 736094-16-9 REGISTRY
- ED Entered STN: 30 Aug 2004
- CN 2(1H)-Quinolinone, 6-[[4-[(4-methoxyphenyl)methyl]-1-piperazinyl]carbonyl]-(CA INDEX NAME)
- OTHER CA INDEX NAMES:
- CN Piperazine, 1-[(1,2-dihydro-2-oxo-6-quinolinyl)carbonyl]-4-[(4-
- methoxyphenyl)methyl]- (9CI)
- MF C22 H23 N3 O3

CI COM SR CA

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- L5 ANSWER 21 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 736092-68-5 REGISTRY
- ED Entered STN: 30 Aug 2004
- CN 2(1H)-Quinolinone, $\hat{6}$ -[[4-[(3,4-dichlorophenyl)methyl]-1-piperazinyl]carbonyl]- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
- CN Piperazine, 1-[(3,4-dichlorophenyl)methyl]-4-[(1,2-dihydro-2-oxo-6-quinolinyl)carbonyl]- (9CI)
- MF C21 H19 C12 N3 O2
- CI COM
- SR CA

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- L5 ANSWER 22 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 719989-40-9 REGISTRY
- ED Entered STN: 30 Jul 2004
- CN 2(1H)-Quinolinone, 5-[[4-(2-methylpropyl)-1-piperazinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

- CN Piperazine, 1-[(1,2-dihydro-2-oxo-5-quinoliny1)carbony1]-4-(2methylpropy1)- (9CI)
- MF C18 H23 N3 O2
- CI COM
- SR CA

- L5 ANSWER 23 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 717093-36-2 REGISTRY
- ED Entered STN: 27 Jul 2004
- CN 2(1H)-Quinolinone, 6-[[4-(methylamino)-1-piperidinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 4-Piperidinamine, 1-[(1,2-dihydro-2-oxo-6-quinoliny1)carbony1]-N-methyl-

- (9CI)
- MF C16 H19 N3 O2 CI COM
- SR CA

MeNH

- L5 ANSWER 24 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 706755-69-3 REGISTRY
- ED Entered STN: 09 Jul 2004
- CN 2(1H)-Quinolinone, 5-hydroxy-6-(1-piperidinylmethyl)-8-(2-propen-1-yloxy)-(CA INDEX NAME)
- OTHER CA INDEX NAMES:
- CN 2(1H)-Quinolinone, 5-hydroxy-6-(1-piperidinylmethyl)-8-(2-propenyloxy)-(9CI)
- MF C18 H22 N2 O3
- CI COM

SR CA

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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L5 ANSWER 25 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
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RN 689733-27-5 REGISTRY

ED Entered STN: 04 Jun 2004

CN 2(1H)-Quinolinone, 6-[[4-(2-phenoxyethyl)-1-piperazinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Piperazine, 1-[(1,2-dihydro-2-oxo-6-quinoliny1)carbony1]-4-(2-phenoxyethy1)- (9CI)

MF C22 H23 N3 O3

MF C22 H23 N3 O

SR CA

PhO-CH2-CH2

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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L5 ANSWER 26 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
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RN 687613-01-0 REGISTRY

ED Entered STN: 30 May 2004

CN 2(1H)-Quinolinone, 6-[[4-(2-methylpropyl)-1-piperazinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

N Piperazine, 1-[(1,2-dihydro-2-oxo-6-quinolinyl)carbonyl]-4-(2-

methylpropyl) - (9CI)

MF C18 H23 N3 O2

CI COM

SR CA

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5 ANSWER 27 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
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RN 569343-96-0 REGISTRY

ED Entered STN: 19 Aug 2003

CN 2(1H)-Quinolinone, 8-ethyl-6-[[4-[methyl(2-phenylethyl)amino]-1piperidinyl[carbonyl]- (CA INDEX NAME)
OTHER CA INDEX NAMES:

CN 4-Piperidinamine, 1-[(8-ethyl-1,2-dihydro-2-oxo-6-quinolinyl)carbonyl]-N-methyl-N-(2-phenylethyl)- (9CI)

MF C26 H31 N3 O2

CI COM

SR CA

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- L5 ANSWER 28 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 343921-37-9 REGISTRY
- ED Entered STN: 29 Jun 2001
- CN 2-Naphthalenesulfonamide, N-[[(3S)-1-[(1,2-dihydro-2-oxo-5quinolinyl)methyl]-2-oxo-3-pyrrolidinyl]methyl]-7-methoxy- (CA INDEX NAME)
- FS STEREOSEARCH
- MF C26 H25 N3 O5 S
- CI COM
- SR CA

Absolute stereochemistry.

- L5 ANSWER 29 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 343921-33-5 REGISTRY
- ED Entered STN: 29 Jun 2001
- CN 2-Naphthalenesulfonamide, N-[[(3S)-1-[(1,2-dihydro-2-oxo-7-quinoliny])methyl]-2-oxo-3-pyrrolidinyl]methyl]-7-methoxy- (CA INDEX NAME)
- FS STEREOSEARCH
- MF C26 H25 N3 O5 S
- CI COM
- SR CA

Absolute stereochemistry.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

=> log h
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 77.83 80.45

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 18:53:58 ON 31 AUG 2009